

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P21917		Serial No. 10/030,124	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicants Kiyoharu HIRAO et al.			
				Filing Date January 24, 2002		Group 1626	

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U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	2	0	6	4	0	4	04/27/93	GUNKEL et al.				

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FOREIGN PATENT DOCUMENTS														
EXAMINER INITIAL	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	1	0	1	6	8	2	2	7	06/23/98	JAPAN				
	0	6	0	0	9	6	6	1	01/18/94	JAPAN				
	9	8	/	3	5	9	7	0	08/20/98	W.I.P.O.				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
1	English Language Abstract of JP Appln. No. 10-168227.
2	English Language Abstract of JP Appln. No. 06-009661.

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.